

Converting Colors

YUV(113.7110, 14.9325,
-29.5645)

Have a look what the booklet for
YUV(113.7110, 14.9325, -29.5645)
contains.

YUV(113.7110, 14.9325, -29.5645)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(113.7110, 14.9325,
-29.5645)**

Conversions

Conversions Part 1

Format	Color
Hex	507D90
RGB	80, 125, 144
RGB Percent	31%, 49%, 56%
CMY	0.6863, 0.5098, 0.4353
CMYK	0.44, 0.13, 0.00, 0.44
HSL	198°, 29%, 44%
HSV	198°, 44%, 56%
XYZ	15.6759, 18.3863, 29.1083
YIQ	113.7110, -32.9190, -3.6310

Conversions

Conversions Part 2

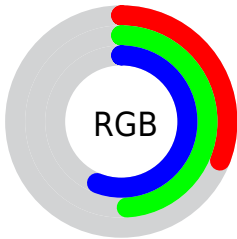
Format	Color
R_{YB}	80, 106, 144
Decimal	5275024
CIE _{Lab}	49.96, -10.12, -15.11
CIE _{LCh}	50, 18.186, 236.204
Yxy	18.3863, 0.2482, 0.2911
Android (android.graphics.Color)	4283465104 (0xFF507D90)
YUV	113.7110, 14.9325, -29.5645
Hunter-Lab	42.8793, -9.7822, -10.2331

Details

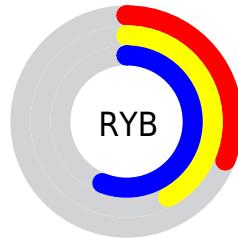
The YUV color **113.7110, 14.9325, -29.5645** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **110.2890, -14.9325, 29.5645**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5260, 15.5167, -30.2793**, and **63.4010, 15.0853, -31.9237** is the 20% darker color. If you saturate the color by 10%, you get **107.1770, 18.1537, -36.1122**, and if you desaturate by 10%, it is **120.2450, 11.7112, -23.0169**.

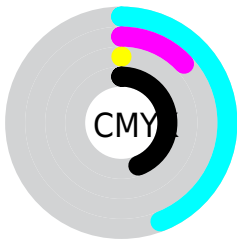
Distribution



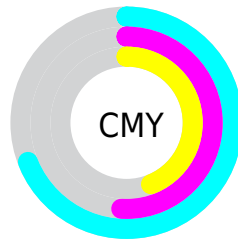
- Red (31%)
- Green (49%)
- Blue (56%)



- Red (31%)
- Yellow (42%)
- Blue (56%)



- Cyan (44%)
- Magenta (13%)
- Yellow (0%)
- Black (44%)



- Cyan (69%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7110, 14.9325, -29.5645 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 113.7110, 14.9325, -29.5645 by changing the saturation by 10% instead.

■ 113.7110, 14.9325,
-29.5645

■ 113.7110, 14.9325,
-29.5645

■ 255.0000, 0.0000,
0.0000

■ 88.2980, 14.6431,
-30.0793

■ 166.5260, 15.5167,
-30.2793

■ 63.4010, 15.0853,
-31.9237

■ 193.9390, 15.8061,
-29.7645

■ 39.0910, 15.2381,
-34.2828

■ 221.7540, 16.3903,
-30.4793

■ 24.2560, 11.7058,
-21.2725

■ 243.3390, 5.7489,
-23.9763

■ 3.6650, 11.5042,
-3.2142

■ 251.7110, 1.6215,
-6.7625

■ 0.0000, 0.0000,
0.0000

■ 113.7110, 14.9325,
-29.5645

■ 113.7110, 14.9325,
-29.5645

■ 107.1770, 18.1537,
-36.1122

■ 120.2450, 11.7112,
-23.0169

■ 99.7570, 21.8118,
-42.7599

■ 127.6650, 8.0532,
-16.3692

■ 93.2230, 25.0331,
-49.3076

■ 134.1990, 4.8319,
-9.8215

■ 86.3900, 28.4017,
-56.4700

■ 141.0320, 1.4632,
-2.6591

■ 79.8560, 31.6230,
-63.0177

■ 147.5660, -1.7580,
3.8886


■ 75.7030, 33.6704,
-66.3915

■ 154.6870, -5.2687,
9.9215

■ 161.5200, -8.6374,
17.0840

■ 168.0540,

-11.8586, 23.6316

 174.8870,
-15.2273, 30.7941

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



111.7230, 9.9966, -33.0831



113.7110, 14.9325, -29.5645



117.3150, 15.6207, -16.9393

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



113.7110, 14.9325, -29.5645



121.4420, -0.2179, 23.2914



116.6720, -12.6563, -0.5893

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



113.7110, 14.9325, -29.5645



110.2890, -14.9325, 29.5645

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



118.1790, -14.8782, 12.1210



113.7110, 14.9325, -29.5645



120.3300, -7.0647, 26.0206

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



113.7110, 14.9325, -29.5645



121.6240, 7.0874, 13.4848



119.8150, -12.7268, 22.0872



114.7780, -6.7926, -14.7143

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



113.7110, 14.9325, -29.5645



119.0390, 14.2778, -6.1732



119.8150, -12.7268, 22.0872



117.6510, -14.1249, 3.8141

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



113.7110, 14.9325, -29.5645



174.7150, 5.5635, -11.1511



119.6200, -10.6587, -34.7467



87.1670, 3.3687, -7.1625



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



113.7110, 14.9325, -29.5645



139.3760, 22.9856, -45.9338



95.5140, 23.9036, -13.6058



67.7330, 1.6106, -3.2738



71.1550, 31.4756, -62.4029



3.8470, 2.0474, -3.3738

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



104.2660, 10.2219, 34.8467



124.5810, 15.9826, 53.8645



128.4860, -23.9036, 13.6058



66.6630, 1.1521, 3.8035



51.1950, 21.5959, 73.4970



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 113.7110, 14.9325, -29.5645 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 113.7110, 14.9325, -29.5645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 113.7110, 14.9325, -29.5645 Background



This preview shows how black text looks on a background with the YUV color 113.7110, 14.9325, -29.5645.



This preview shows how white text looks on a background with the YUV color 113.7110, 14.9325, -29.5645.

-29.5645.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

113.7110, 14.9325, -29.5645

Protanopia

118.6110, 10.0518, -4.0438

Deuteranopia

119.4200, 13.1039, -2.9993



Tritanopia

112.7880, 11.4435, -30.5091

Trichromacy



Original Color

113.7110, 14.9325, -29.5645

Protanomaly

117.0120, 11.8261, -13.1655

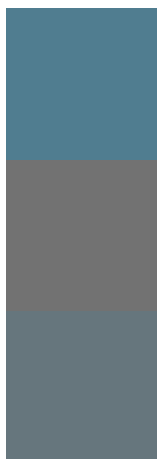
Deuteranomaly

117.1800, 13.7153, -12.4359

Tritanomaly

113.4290, 12.6065, -30.1942

Monochromacy



Original Color

113.7110, 14.9325, -29.5645

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0140, 5.4161, -10.5363

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7110, 14.9325, -29.5645 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(80, 125, 144)` looks like.

```
.text, #text, p{  
    color:rgb(80, 125, 144)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(80, 125, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 125, 144) }
```

Border

The CSS property to change the border of an element to YUV 113.7110, 14.9325, -29.5645 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(80, 125, 144) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(80, 125, 144) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(80, 125, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 125, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 125, 144);  
box-shadow:4px 4px 4px 4px rgb(80, 125,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 113.7110, 14.9325, -29.5645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 125, 144) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(80, 125,  
144) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor